

MAR 21 1972

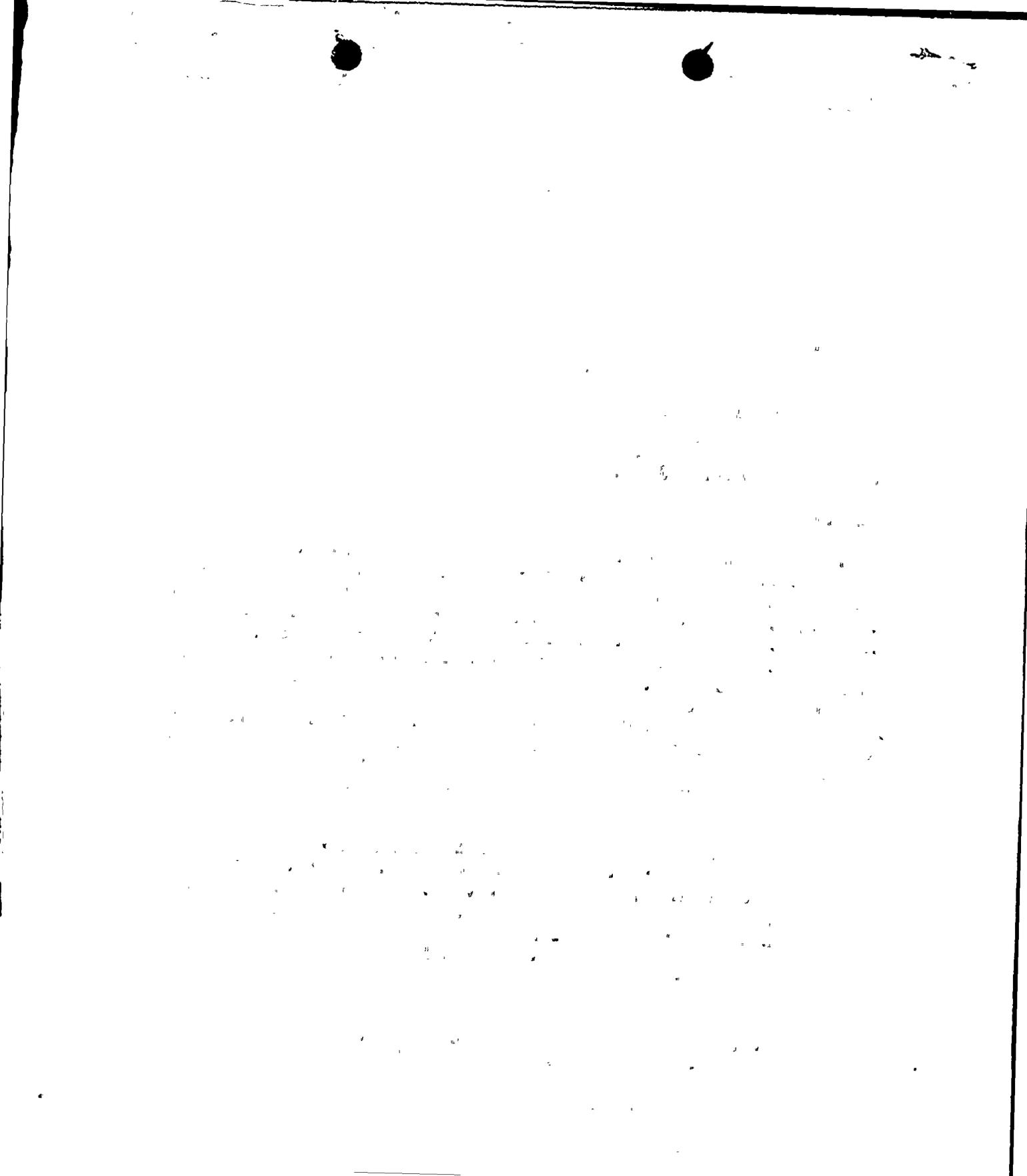
Docket No. 50-220

Niagara Mohawk Power Corporation  
ATTN: Mr. Thomas J. Brosnan  
Vice President and  
Chief Engineer  
300 Erie Boulevard West  
Syracuse, New York 13202

Gentlemen:

Your letter dated February 28, 1972, proposed changes to the Technical Specifications of Provisional Operating License No. DPR-17 for the Nine Mile Point (NMP) Nuclear Station. The proposed changes include lowering the set points of the solenoid-actuated pressure relief valves, lowering the set point for initiation of the emergency cooling condensers and increasing the requirement for operation of five, rather than four, relief valves to maintain the same margin between the transient peak pressure and the safety valve set points. These proposed changes to the Technical Specifications are required as the result of revision of the basic scram reactivity curves used to calculate NMP systems' response to transients. To continue our review and evaluation of the proposed changes and the accompanying analyses, the following additional information is required:

1. You state that improved analytical techniques available at General Electric Company caused you to adopt the proposed revised scram reactivity curve, but no information regarding these techniques was provided. Describe the analytical techniques used previously, the changes being made to the analytical model, and the basis for considering the change an improvement.
  2. Describe the data and measurements obtained at NMP from reactor operations and tests that support use of the new analytical techniques.
  3. The effect of partial refuelings on the scram reactivity curve has not been presented. Please define the relationship of the present core loading with the scram reactivity
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curve and describe the effect on scram reactivity from approaching an equilibrium fuel loading, including the expected operational control rod patterns.

4. Your analyses supporting the proposed changes do not include consideration of the control rod drop accident. The change in slope of the scram reactivity curve would indicate an increased rate of reactivity insertion in the event of a control rod drop accident. Provide a complete reanalysis of this accident, including consideration of the validity of the assumed maximum reactivity worth of the control rod involved in the drop accident. Your attention is directed to a letter dated March 8, 1972, to Mr. A. P. Bray of the General Electric Company from R. S. Boyd, Division of Reactor Licensing. A copy of this letter is enclosed for your convenience.

You are requested to provide information responsive to the above concerns by May 1, 1972. Please provide one signed and 39 additional copies of the information. Do not hesitate to contact Messrs. C. J. DeBevec or D. L. Ziemann of my staff for clarification of the requested information.

Sincerely,

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Donald J. Skovholt  
 Assistant Director for  
 Reactor Operations  
 Division of Reactor Licensing

Enclosure:  
 Ltr fm Boyd to Bray  
 dtd 3/8/72

cc w/enclosure:  
 Arvin E. Upton, Esquire  
 LeBocuf, Lamb, Leiby & MacRae  
 1821 Jefferson Place, N. W.  
 Washington, D. C. 20036

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 DJSkovholt, DRL  
 DLZiemann, DRL  
 CJDeBevec, DRL RMDiggs, DRL  
 WSeymour - NY Commerce

OFFICE	DRL	DRL	DRL	DRL		
SURNAME	CJDeBevec: sjh	RMDiggs	DLZiemann	DJSkovholt		
DATE	3/20/72	3/20/72	3/20/72	3/20/72		

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

Furthermore, it is noted that the records should be kept in a secure and accessible format. Regular backups are recommended to prevent data loss in the event of a system failure or disaster. The document also mentions that the records should be reviewed periodically to identify any discrepancies or trends.

In addition, the document highlights the need for clear communication between all parties involved. Any changes to the process or data should be documented and communicated promptly to ensure everyone is on the same page.

The second part of the document provides a detailed overview of the current status of the project. It includes a list of tasks that have been completed, along with a timeline of when each task was finished. This provides a clear picture of the progress made to date.

The document also identifies the remaining tasks and estimates the time required to complete them. This helps in planning and resource allocation for the final stages of the project.

Finally, the document concludes with a summary of the key findings and recommendations. It reiterates the importance of maintaining accurate records and clear communication throughout the project. The recommendations include implementing the suggested changes and continuing to monitor the project's progress closely.

The document is signed by the project manager and dated. It is intended to serve as a reference for all stakeholders involved in the project.